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OCT 13 2004

Atty Docket No. 022024-000300US

PTO FAX NO.: (703) 872-9306

ATTENTION: Examiner Jennifer A. Boyd

Group Art Unit 1771

OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER Jennifer A. Boyd

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in re Application of Christopher J. Stepanian, George L. Gould, Application No. 10/034,296, filed December 21, 2001 for AEROGEL COMPOSITE WITH FIBROUS BATTING are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

1. Transmittal Form (1 pg.)
2. Fee Transmittal (1 pg., 1 dup.)
3. Petition for Extension of Time (1 pg., 1 dup.)
4. Amendment Under 37 CFR 1.116 Expedited Procedure Examining Group 1771 (9 pgs.)
5. Information Disclosure Statement (2 pgs.)
6. Form 1449A

Number of pages being transmitted, including this page: 18

Dated: October 13, 2004


Pamela Skelton

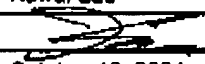
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TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, CA 94111-3834
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Fax: (858) 350-6111

60322300 v1

PTO/SB/21 (04-04)

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/034,296	
	Filing Date	December 21, 2001	
	First Named Inventor	Stepanian, Christopher J.	
	Art Unit	1771	
	Examiner Name	Jennifer A. Boyd	
Total Number of Pages in This Submission	17	Attorney Docket Number	022024-000300US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Townsend and Townsend and Crew LLP	
	Kawai Lau	Reg. No. 44461
Signature		
Date	October 13, 2004	

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Pamela Skelton		
Signature		Date	October 13, 2004

60332275 v1

PTO/SB/17 (10-04)

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 215

Complete if Known

Application Number 10/034,296
 Filing Date December 21, 2001
 First Named Inventor Stepanian, Christopher J.
 Examiner Name Jennifer A. Boyd
 Art Unit 1771
 Attorney Docket No. 022024-000300US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

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☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims			
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	215
1253	980	2253	480	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or release)	
1502	490	2502	245	Design issue fee	
1503	680	2503	330	Plant issue fee	
1480	130	1480	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Sheet	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$215)

SUBMITTED BY

Name (Print/Type)	Registration No. (Attorney/Agent)	Telephone
Kawal Lay	44461	858-350-6100
Signature	Date	
	October 13, 2004	

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60332273 v1

PTO/SB/17 (10-04)

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

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Complete if Known

Application Number	10/034,296
Filing Date	December 21, 2001
First Named Inventor	Stepanlan, Christopher J.
Examiner Name	Jennifer A. Boyd
Art Unit	1771
Attorney Docket No	022024-000300US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit
Account
Number

20-1430

Deposit
Account
Name

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The Director is authorized to: (check all that apply)

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		Extra Claims		Fee from below		Fee Paid
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Independent Claims	<input type="text"/>	..	=	<input type="text"/>	<input type="text"/>	<input type="text"/>
Multiple Dependent				<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Entity		Small Entity		Fee Description
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**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

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1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$)215

SUBMITTED BY

Name (Print/Type)

Kawallau

Registration No. (Attorney/Agent)

44461

Telephone

858-350-6100

Signature

Date

October 13, 2004

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OCT 13 2004

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Fax No. (703) 872-9306 on October 13, 2004.

AMENDMENT UNDER 37 CFR 1.116
EXPEDITED PROCEDURE -
EXAMINING GROUP 1771

TOWNSEND and TOWNSEND and CREW LLP

By: Camela Scitton

PATENT

Attorney Docket No.: 022024-000300US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Christopher J. Stepanian et al.

Application No.: 10/034,296

Filed: December 21, 2001

For: AEROGEL COMPOSITE WITH
FIBROUS BATTING

Customer No.: 20350

Confirmation No. 9746

Examiner: Jennifer A. Boyd

Technology Center/Art Unit: 1771

AMENDMENT UNDER 37 CFR 1.116
EXPEDITED PROCEDURE EXAMINING
GROUP 1771

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This is in response to the "final" Office Action mailed 28 May, 2004, which set
28 August 2004 as the initial deadline for response. Accordingly, a Petition for a two-month
extension of time, until 28 October 2004, is enclosed herewith.

Claims 1-18 have been canceled and claims 19-48 remain pending.

Reconsideration in light of the following amendments and remarks is respectfully requested.

Amendments to the Claims are reflected in the listing of claims which begins on
page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.